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(54) Title: PROCESS FOR FUNCTIONALIZING CARBON NANOTUBES UNDER SOLVENT-FREE CONDITIONS

(57) Abstract: The present invention provides methods by which carbon nanotubes can be functionalized under solvent-free conditions. As extremely large quantities are typically required to dissolve or disperse carbon nanotubes, solvent elimination the processes more favorable for scale-up. Such processes are also amenable to a wide variety of chemical reactions as functionalizing agents.